



National Transportation Safety Board Aviation Accident Data Summary

Location:	ANSONIA, OH	Accident Number:	ATL90MA051
Date & Time:	01/18/1990, 0551 EST	Registration:	N331DP
Aircraft:	LEARJET 23	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

AT 0515 EST, THE FLT WAS CLRD FOR TAKEOFF ON A FLT FM YPLISANTA, MI TO LOUISVILLE, KY. ABT 17 MIN LATER, THE FLT CREW BGN TO DISPLAY INDCNS OF A DETERIORATION OF THEIR ABILITY TO CTL THE ACFT. AT 1ST, THEY DEVIATED FM INSTRNS TO HOLD WEST OF THE FINDLAY VOR AT FL220. AS THE FLT CONTD & WAS CLRD TO FL270, THE CREW DISPLAYED CONFUSION ABT MAG HDGS & BASIC INSTRNS. AT 1048 EST, THE ACFT DEVIATED FM THE EN ROUTE HDG & THE WRONG HDG WAS READ BACK AFTER A HDG CORRECTION WAS GIVEN. ALSO, THE ACFT CONTD CLIMBING (TO FL291), THEN RADAR & RADIO CTC WERE LOST AT 0551 EST. THE CTLR NOTED THE PLT'S SPEECH WAS SLURRED & SOME PORTIONS OF THE CONVERSATION WERE UNINTELLIGIBLE. SUBSEQUENTLY, THE ACFT CRASHED IN A STEEP DIVE. NO PREIMPACT PART FAILURE WAS VERIFIED, THOUGH IMPACT FORCES & POST-CRASH FIRE RESULTED IN EXTSV DMG OF THE ACFT. THE ACFT WAS EQUIPPED WITH OXYGEN & PRESSURIZATION SYS. NO AUDIBLE WARNING WAS NOTED ON ATC RECORDINGS TO INDC THE CABIN ALT HAD EXCEEDED 10,000', THOUGH THE ACFT WAS EQUIPPED WITH SUCH A DEVICE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FLIGHT CREW BECAME INCAPACITATED FOR UNDETERMINED REASONS AND LOST CONTROL OF THE AIRPLANE.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: CLIMB - TO CRUISE

Findings

1. AIRCRAFT CONTROL - NOT MAINTAINED
 2. (C) INCAPACITATION - PILOT IN COMMAND
 3. (C) INCAPACITATION - COPILOT/SECOND PILOT
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Airline Transport	Age:	53
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	
Flight Time:	20000 hours (Total, all aircraft), 168 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	LEARJET	Registration:	N331DP
Model/Series:	23 23	Engines:	2 Turbo Jet
Operator:	AERO SMITH LEASING	Engine Manufacturer:	GE
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	CJ-610-4
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	DAY, 1009 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 1100 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 330°
Temperature:	-18°C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	YPLISANTA, MI (YIP)	Destination:	LOUISVILLE, KY (SDF)

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	PHILLIP POWELL	Adopted Date:	03/05/1993
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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